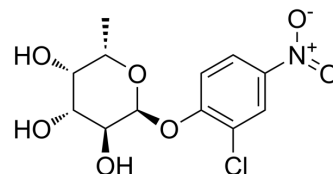


## CNP-AFU

<b>Cat. No.:</b>	HY-15911		
<b>CAS No.:</b>	157843-41-9		
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>14</sub> ClNO <sub>7</sub>		
<b>Molecular Weight:</b>	319.7		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : ≥ 41 mg/mL (128.25 mM)  
 \* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
<b>1 mM</b>	3.1279 mL	15.6397 mL	31.2793 mL
<b>5 mM</b>	0.6256 mL	3.1279 mL	6.2559 mL
<b>10 mM</b>	0.3128 mL	1.5640 mL	3.1279 mL

Please refer to the solubility information to select the appropriate solvent.

## BIOLOGICAL ACTIVITY

### Description

CNP-AFU (2-Chloro-4-nitrophenyl α-L-fucopyranoside) is a substrate for alpha-L-fucosidase(AFU).

## REFERENCES

[1]. Gu G, et al. Synthesis of 2-chloro-4-nitrophenyl alpha-L-fucopyranoside: a substrate for alpha-L-fucosidase (AFU). Carbohydr Res. 2003 Jul 22;338(15):1603-7.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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